

Penstemon pudicus Reveal & Beatley (1971)**BASHFUL BEARDTONGUE**

FAMILY: *Scrophulariaceae*, the figwort family.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G1 S1

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species. **USFS:** none.

NNNPS: THREATENED.

POPULATION CENSUS: 4 occurrences mapped at 1.0 km (0.6 mi) separation, OR 5 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 373+, total estimated area 1.2+ ha (3.0+ ac). **TREND:** unknown.

IMPACTS AND MAJOR THREATS: No summary available (see references).

INVENTORY EFFORT: Most recent entered survey 1992, average year of last survey 1979.

Years since last entered survey (percent of mapped records at various survey ages): **6-10 yrs:** 20%; **21-30 yrs:** 60%; **31-50 yrs:** 20%.

LAND MANAGEMENT in decreasing predominance: U. S. Bureau of Land Management, private lands (?), U. S. Department of Defense (?).

RANGE: Nye County, Nevada. **Nevada endemic.** Maximum range dimension 6.9 km (4.3 mi) excluding most disjunct record. **Type specimen** collected in Nye County.

ELEVATIONS RECORDED: 7500-9000 feet (2286-2743 meters).

HABITAT: Crevices, soil pockets, and coarse rocky soils of felsic volcanic outcrops, boulder piles, steep protected slopes, and drainage bottoms, mostly on north and east aspects, in the subalpine sagebrush, mountain mahogany, and upper pinyon-juniper zones.

PHENOLOGY: flowering late-spring to summer. Range of most frequent survey months: June-July.

LIFE-FORM AND HABIT: perennial herb.

DESCRIPTION: A perennial herb, 2-5 dm tall, with funnel-shaped, blue-violet flowers in bloom late June-July.

PHOTOGRAPHS: Nevada Natural Heritage Program images web page (1998-present).

ILLUSTRATIONS: Cronquist et al. (1984), Mozingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Beatley (1977).

SPECIFIC REFERENCES:

Reveal, J. L. and J. C. Beatley. 1971. A new *Penstemon* (*Scrophulariaceae*) and *Grindelia* (*Asteraceae*) from southern Nye County, Nevada. *Bulletin of the Torrey Botanical Club* 98: 332-335.
